

General Information

Any project inquiries should be in writing and directed to the Project Manager at:

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Background

1. The main drainage pipe to the Lower Duwamish Waterway is underwater during high tide. This causes water to back up in the drainage system and sometimes flow back out of inlets and catch basins, flooding the neighborhood.
2. Not all streets in the area have a drainage collection system. Additional connections cannot be built until the pump station is installed so that the pipes can drain at high tide.
3. Many private properties in the basin do not have drainage pipes connected to the public drainage system. Some properties are lower than the street or there is no collection system in the street to connect to.
4. Street improvements and construction of drainage systems trigger code requirements for water quality treatment. An additional consideration is the long-term contamination of the receiving water and sediment in the Duwamish River, which has been identified as a high priority for cleanup by multiple agencies.

Project Scope

Pump Station: The pump station will make it possible to pump stormwater from the existing drainage system during high tide when the outfall to the Lower Duwamish Waterway is underwater.

Water Quality Facility: From the pump station, stormwater will be sent through the facility where it will be filtered to remove a variety of pollutants that are common in urban runoff. The stormwater will be released through the existing outfall to the waterway. Seattle Public Utilities is considering a number of passive and active treatment systems at this time.

Contracting Opportunities

The consultant contract opportunity will be announced on <http://consultants.seattle.gov/>. The construction contract opportunity will be advertised on <http://www.seattle.gov/contracting/construction.htm>

Schedule	Target Date
Consultant Advertisement	2Q 2014
Construction Advertisement	Dependent on Option selected

The map displays the Duwamish River watershed, divided into three main basins: Upper Basin, Middle Basin, and Lower Basin. A network of subcatchments is shown, color-coded according to the legend: Existing Subcatchments (light brown), Revised Existing Subcatchments (dark brown), and Future Subcatchments (green). A red line indicates the proposed sewer line route, starting from the South Park Pump Station & Water Quality Facility (marked with a red star) and extending through the basins. The facility is located in the Upper Basin, near the Duwamish River. The map also shows various streets and landmarks, including the Duwamish River, Duwamish Park, and the Duwamish River Bridge. A legend in the bottom right corner defines the color coding for the subcatchments.

South Park Pump Station & Water Quality Facility

UPPER BASIN

MIDDLE BASIN

LOWER BASIN

Legend

- Existing Subcatchments
- Revised Existing Subcatchments
- Future Subcatchments